



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/643,865

Attorney Docket: 475 US

Filing Date: 08/20/2003

Confirmation No: 5217

Group Art Unit: 2632

Applicants: Clancy, III et al.

Title: Seat belt retractor torsion rod activity sensor

### CERTIFICATE OF FIRST CLASS MAILING

The undersigned hereby certifies that this correspondence (along with any paper referred to as being attached or enclosed), is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail to the Honorable Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date set forth below.

Date: 21 Nov. 2003

By:

  
Lonnie R. Drayer, Reg. No. 30,375  
Attorney for Applicants

### INFORMATION DISCLOSURE STATEMENT

Applicant submits this Statement in accordance with the duty of disclosure prior to the issuance of a First Office Action on the merits. A copy of each cited publication that is not a U.S. patent or patent application publication is filed herewith, together with a listing on Form PTO/SB/08 of all cited publications. In accordance with the OG Notice dated 05 August 2003 copies of cited U.S. patents and patent application publications are not required for applications filed after 30 June 2003. Applicant respectfully solicits the Examiner's consideration of the cited references and entry thereof into the record of this application.

US 6,012,667 is discussed in paragraphs [003] and [0018] of applicants' specification. The other publications listed on the Form PTO/SB/08 relate to either seat belt retractors or magnetostrictive sensors.

Respectfully submitted,

  
Lonnie R. Drayer  
Reg. No. 30,375  
Attorney for Applicant

Key Safety Systems, Inc.  
5300 Allen K Breed Hwy.  
Lakeland, Florida 33811-1130  
Telephone: (863) 668-6000  
Facsimile: (863) 668-6130



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Do not send completed forms to this address. Instead, follow the instructions on the form.  
A collection of information unless it contains a valid OMB control number.

**Substitute for form 1449/PTO**

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Shee

of 2

**Complete if Known**

Application Number	10/643,865
Filing Date	08/20/2003
First Named Inventor	Edward W. Clancy III
Art Unit	2632
Examiner Name	
Attorney Docket Number	475 US

Examiner Signature	Date Considered	
-----------------------	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

2

Compl te if Known	
Applicati n Number	10/643,865
Filing Date	08/20/2003
First Named Inventor	Edward W. Clancy III
Art Unit	2632
Examiner Name	
Attorney Docket Number	475 US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Vehicle Crash Testing using the LogBook/300" Application Note #38, Iotech, Inc.	
		Hegeor Kwun, "Back in StyleL Magnetostrictive Sensors", printout from SWRI website, originally in September 1991 issue of Technology Today	
		Dave Nyce, "Magnetostrictive Linear Position Sensors", printout from Sensor Magazine, November 1999	
		Jesse L. J. Russel, "Magnetostrictive Position Sensor Enter the Automotive Market", printout from Sensor Magazine, November, 2002	
		Kwun & Kim, "Development of Magnetostrictive Sensor Technology for Plate Inspection, 15-9077", website www.swri.edu/3pubs/IRD1999/15907799	
		"Non-contact ultrasonic sensor and actuator using magnetostriction effect", website printout www.idealab.snu.ac.kr/research/sensor/magnetostriction	
		"RDP Electronics & MTS Temposonics Transducers", website printout, www.rpdelectronics.com/displacement/magneto/principle	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.